

Notulae to the Italian native vascular flora: 15

Fabrizio Bartolucci¹, Giannantonio Domina², Michele Adorni³,
Gianluigi Bacchetta⁴, Enrico Bajona⁵, Enrico Banfi⁶, Franco Barbadoro⁷,
Nello Biscotti⁸, Daniele Bonsanto⁸, Fabio Conti¹, Michele Da Pozzo⁹,
Davide Dagnino¹⁰, Giuseppe De Fine¹¹, Emanuele Del Guacchio¹², Luigi Forte¹³,
Emilio Di Gristina², Gabriele Galasso⁶, Luigi Ghillani¹⁴, Günther Gottschlich¹⁵,
Leonardo Gubellini¹⁶, Valentina Lucia Astrid Laface¹⁷, Cesare Lasen¹⁸,
Michele Lonati¹⁹, Andrea Mainetti²⁰, Francesco Mascia⁴, Giuliana Mazzacuva¹⁷,
Carmelo Maria Musarella¹⁷, Simone Orsenigo²¹, Nicodemo G. Passalacqua²²,
Gaetano Pazienza¹³, Lorenzo Pinzani²³, Elia Stefano Rodi²⁴, Francesco Santi²⁵,
Llorenç Sáez²⁶, Alberto Selvaggi²⁷, Valeria Tomaselli¹⁴, Luigi Torino²⁸,
Christian Zidorn²⁹, Lorenzo Lastrucci³⁰

1 Centro Ricerche Floristiche dell'Appennino, Università di Camerino – Parco Nazionale del Gran Sasso e Monti della Laga, Via Provinciale km 4,2 – San Colombo, 67021, Barisciano (L'Aquila), Camerino, Italy **2** Dipartimento di Scienze Agrarie, Alimentari e Forestali (SAAF), Università di Palermo, Viale delle Scienze, edificio 4, 90128, Palermo, Italy **3** Via degli Alpini 7, 43037 Lesignano de' Bagni, Parma, Italy **4** Centro Conservazione Biodiversità (CCB), Dipartimento di Scienze della Vita e dell'Ambiente, Università degli Studi di Cagliari, viale Sant'Ignazio da Laconi 11-13, 09123, Cagliari, Italy **5** PLANTA/Center for Research, Documentation and Training, Via Serraglio Vecchio 28, 90123, Palermo, Italy **6** Sezione di Botanica, Museo di Storia Naturale di Milano, Corso Venezia 55, 20121, Milano, Italy **7** Via della Resistenza 1/3, 40033, Casalecchio di Reno, Bologna, Italy **8** Dipartimento di Scienze Agrarie, Alimentari ed Ambientali, Università Politecnica delle Marche, 60131, Ancona, Italy **9** Parco Naturale delle Dolomiti d'Ampezzo, Via Rev. Frenademetz, 1 – 32043, Cortina d'Ampezzo, Belluno, Italy **10** Centro Studi Bionaturalistici s.r.l., Via San Vincenzo 2, 20° piano, 16121, Genova, Italy **11** Istituto Professionale Statale per l'Industria e l'Artigianato "Anna Maria Barlacchi", Via Carducci, 88900, Crotone, Italy **12** Dipartimento di Biologia, Università di Napoli Federico II, c/o Orto Botanico, Via Foria 223, 80139, Napoli, Italy **13** Dipartimento di Bioscienze, Biotecnologie e Ambiente (DBBA), Campus Universitario "Ernesto Quagliariello", Università degli Studi di Bari "Aldo Moro", Via Orabona 4, 70125, Bari, Italy **14** Via Carlo Casalegno 6, 43123, Parma, Italy **15** Hermann-Kurz-Straße 35, 72074, Tübingen, Germany **16** Centro Ricerche Floristiche Marche, Provincia di Pesaro e Urbino, Via Barsanti 18, 61122, Pesaro, Italy **17** Dipartimento di Agraria, Università "Mediterranea" di Reggio Calabria, Feo di Vito snc, 89122, Reggio Calabria, Italy **18** Via Mutten 27, 32032 Arson di Feltre, Belluno, Italy **19** Dipartimento di Scienze Agrarie, Forestali e Alimentari, Università degli Studi di Torino, Largo Paolo Braccini 2, 10095, Grugliasco, Torino, Italy **20** Servizio Biodiversità e ricerca scientifica,

Parco Nazionale Gran Paradiso, fraz. Valnontey 44, 11012, Cogne, Aosta, Italy **21** Dipartimento di Scienze della Terra e dell'Ambiente, Università degli studi di Pavia, Via Sant'Epifanio, 14 27100, Pavia, Italy **22** Museo di Storia Naturale della Calabria ed Orto Botanico, Università della Calabria, Via Savinio, 87036, Arcavacata di Rende, Cosenza, Italy **23** Dipartimento di Scienze, Università Roma Tre, Viale G. Marconi 446, 00146, Roma, Italy **24** Corso Italia 175, 18034 Ceriana, Imperia, Italy **25** BIOME Lab, Dipartimento di Scienze Biologiche, Geologiche e Ambientali, Alma Mater Studiorum, Università di Bologna, Via Irnerio 42, 40126, Bologna, Italy **26** Department BABVE, Faculty of Biosciences, Autonomous University of Barcelona, ES-08193, Bellaterra, Barcelona, Spain **27** Istituto per le Piante da Legno e l'Ambiente, C.so Casale 476, 10132, Torino, Italy **28** Via Sbarre Centrali 366, 89132, Reggio Calabria, Italy **29** Pharmazeutisches Institut, Universität zu Kiel, Gutenbergstr. 76, D-24118, Kiel, Germany **30** Sistema Museale di Ateneo, Università di Firenze, Via G. La Pira 4, 50121, Firenze, Italy

Corresponding author: Fabrizio Bartolucci (fabrizio.bartolucci@gmail.com)

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Abstract

In this contribution, new data concerning the distribution of native vascular flora in Italy are presented. It includes new records, confirmations, and exclusions to the Italian administrative regions. New combinations in the genera *Pilosella* and *Roemeria* are proposed. Furthermore, the name *Papaver siculum* is lectotypified. Nomenclatural and distribution updates, published elsewhere, and corrigenda are provided as Suppl. material 1.

Keywords

Endemic taxa, Floristic data, Italy, Typification

How to contribute

The text for the new records, exclusions, and confirmations should be submitted electronically to Lorenzo Lastrucci (lorenzo.lastrucci@unifi.it). The corresponding specimen along with its scan or photograph have to be sent to FI Herbarium: Sezione di Botanica “Filippo Parlatore” del Museo di Storia Naturale, Via G. La Pira 4, 50121 Firenze (Italy). Those texts concerning nomenclatural novelties and typifications (only for accepted names) should be submitted electronically to: Fabrizio Bartolucci (fabrizio.bartolucci@gmail.com). Each text should be within 1,000 characters (spaces included).

Floristic records of native taxa

Alchemilla opaca Buser (Rosaceae)

+ **EMR:** Albareto (Parma), tra Passo dei due Santi e M. Colombo (WGS84: 44.39074°N, 9.75444°E), radura di faggeta, 1450 m, 19 July 2017, leg. *M. Adorni, L. Ghillani*, det. *F. Festi* (FI). – Species new for the flora of Emilia-Romagna.

M. Adorni, L. Ghillani

Anacamptis longicornu (Poir.) R.M.Bateman, Pridgeon & M.W.Chase (Orchidaceae)

+ **CAL:** Motta San Giovanni (Reggio Calabria), Località Pitea, (WGS84: 38.008450°N, 15.735237°E), a bordo del sentiero in prossimità di impianti di *Pinus* sp.pl. con presenza di formazioni rocciose, 838 m, 3 May 2022, leg. *L. Torino*, det. *V.L.A. Laface, G. Mazzacuva, C.M. Musarella, L. Torino, G. Spampinato* (REGGIO); Reggio Calabria (Reggio Calabria), Strada Redentore-Gambarie, Località Bosurgi (WGS84: 38.136818°N, 15.775778°E), pineta di *Pinus halepensis* Mill., 1053 m, 16 May 2018, leg. *V.L.A. Laface*, det. *V.L.A. Laface, C.M. Musarella, G. Spampinato* (REGGIO); Motta San Giovanni (Reggio Calabria), Contrada Russa, (WGS84: 38.018911°N, 15.717538°E), pineta di *Pinus halepensis* Mill., 735 m, 13 April 2017, *V.L.A. Laface* (REGGIO). – Species confirmed for the flora of Calabria.

The species was reported by Conti et al. (2005) and Pignatti et al. (2017) exclusively for Sicilia and Sardegna. In Calabria, it was reported as doubtfully occurring by Bartolucci et al. (2018). Few individuals were observed (< 10).

V.L.A. Laface, L. Torino

Aristolochia clematitis L. (Aristolochiaceae)

+ **PUG:** Rodi Garganico (Foggia), lungomare Andrea Pazienza (WGS84: 41.929347°N, 15.891825°E), terreno sabbioso, 1 m, 9 May 2022, *N. Biscotti, D. Bonsanto* (FI). – Species confirmed for the flora of Puglia.

Aristolochia clematitis was historically reported for Puglia by Tenore (1820). This species was so far regarded as doubtfully occurring in this administrative region (Bartolucci et al. 2018).

N. Biscotti, D. Bonsanto

Carduus cephalanthus Viv. (Asteraceae)

+ **CAL:** Reggio Calabria (Reggio Calabria), presso Monte S. Demetrio, in prossimità della strada Santa Venere-Embrisi (WGS84: 38.064516°N, 15.741831°E), impianto incendiato di *Pinus halepensis* Mill., 883 m, NE, 4 January 2023, leg. *G. Mazzacuva*, det. *G. Mazzacuva, V.L.A. Laface, C.M. Musarella* (REGGIO). – Species confirmed for the flora of Calabria.

Carduus cephalanthus was historically reported for southern Calabria by Fiori (1927 as *Carduus cephalanthus* Viv. β *congestus* Guss.) and by Pignatti (1982). This species was so far regarded as doubtfully occurring in this administrative region (Bartolucci et al. 2018; Pignatti et al. 2018). More than 100 individuals were found at the edge of a path on a burnt slope in the Metropolitan City of Reggio Calabria.

G. Mazzacuva, C. M. Musarella

Carex frigida All. (Cyperaceae)

+ **LIG**: Triora (Imperia), Foresta di Gerbone (WGS84: 44.01840°N, 7.67066°E), sorgente pietrificante del *Cratoneurion* (Habitat Natura 2000 cod.7220*), 1628 m, 7 August 2021, E.S. Rodi (GDOR No. 60592). – Species confirmed for the flora of Liguria.

This species was found during an extensive survey of the Natura 2000 Habitat code 7220 in Liguria. According to Ottone Penzig's handwritten notes found on a copy of De Notaris (1844) stored in the library of the University of Genoa and the specimens housed in the GDOR herbarium, this species was also present in several localities of the Ligurian Alps.

D. Dagnino, E. S. Rodi

Centaurea jacea L. subsp. *angustifolia* (DC.) Gremlí (Asteraceae)

+ **PUG**: Gravina in Puglia (Bari), area protetta naturale “Bosco Difesa Grande”, nei pressi di Lago Splendore, (WGS84: 40.764213°N, 16.382721°E), ai margini di un bosco a *Quercus cerris*, 462 m s.l.m., 4 January 2023, leg. G. Pazienza, det. V. Tomaselli, G. Pazienza, (FI, BI Nos 57545, 57552). – Subspecies new for the flora of Puglia.

G. Pazienza, V. Tomaselli

Eragrostis minor Host (Poaceae) subsp. *minor*

+ **BAS**: Tramutola (Potenza), centro cittadino (WGS84: 40.312842°N, 15.920795°E), fra i masselli di una pavimentazione esterna, 680 m, 27 September 2022, F. Santi, conf. G. Faggi (FI). – Species new for the flora of Basilicata.

This species was also observed in Castelsaraceno (Potenza) in the city square (WGS84: 40.162963°N, 15.991274°E), 940 m, on 21 September 2022.

F. Santi

Glebionis discolor (d'Urv.) E.Cano, Musarella, Cano-Ortiz, Piñar Fuentes, Spamp. & Pinto Gomes (Asteraceae)

+ **SAR**: Assemini (Cagliari), 10 May 1973, A. Scrugli (CAG sub *Chrysanthemum coronarium* L. var. *discolor*); Porto Torres (Sassari), loc. Cala Reale, Isola Asinara, 18 May 1984, E. Bocchieri (CAG sub *C. coronarium* L. var. *discolor*); Strada Villamar-Las Plasas (Cagliari), 19 April 2001, A. Scrugli (CAG sub *C. coronarium* L. var. *discolor*);

Capoterra (Cagliari), loc. Tanca di Nissa, margini di colture cerealicole (WGS84: 39.165885°N, 9.010176°E), 1 m s.l.m., 28 February 2020, *F. Mascia* (CAG); Collinas (Sud Sardegna), loc. S'Argiola de sa Sennora, incolti e margini di sentieri (WGS84: 39.636350°N, 8.837509°E), 267 m s.l.m., 10 April 2022, *F. Mascia, G. Tuveri* (CAG).

– Species confirmed for the flora of Sardegna.

The first records for Sardegna can be found in Scrugli (1972, 1973) from Cagliari and Assemini, subsequently confirmed by a few authors (e.g., Bacchetta 2006). The doubtful taxonomic value of the varietal ranks led to no longer considering the presence of this taxon in Sardegna (e.g., Arrigoni 2015; Bartolucci et al. 2018). This taxon was recently re-evaluated at species rank and, not reported for the island (Cano et al. 2017).

G. Bacchetta, F. Mascia

***Helictotrichon convolutum* (C.Presl) Henrard (Poaceae)**

– **ABR.** – Species to be excluded from the flora of Abruzzo.

Conti and Di Pietro (2004) indicate that the species has been reported in the past for the Velino by Tenore (1830 sub *Avena fallax*) and for Pietracamela along the Rio Arno and at the Giunghiera by Zodda (1953 sub *Avena sempervirens* var. *filifolia*). They also claim that these localities need to be confirmed. We revised the specimens collected by Zodda preserved in BI [in pascuis: Pietracamela alla Giunghiera, July 1948, Zodda (BI No. 15025); in rupestribus: Pietracamela lungo rio Arno, July 1951, Zodda (BI No. 21999)] and we attributed them to *Trisetum bertolonii* Jonsell. On the other hand, later Tenore (1831) cited *Avena fallax* only for Calabria and Lucania, and according to Montelucci (1958) the record for Velino should be referred to *Helictochloa praetutiana* (Parl. ex Arcang.) Bartolucci, F.Conti, Peruzzi & Banfi.

L. Forte, G. Pazienza

***Helleborus niger* L. (Ranunculaceae)**

– **BAS.** Species to be excluded from the flora of Basilicata.

– **CAM.** Species to be excluded from the flora of Campania.

– **LAZ.** Species to be excluded from the flora of Lazio.

According to the Portal to the Flora of Italy (2023), the presence of this taxon for Campania is doubtful, and it is not at all cited for Lazio. It was reported by Pignatti (1982) for the central Apennines, who also included Campania in the map. The latter author likely relied on Fiori (1898, 1924), who cited in turn Nicola Terracciano. This author recorded the species for Cassino and Campoli Appennino (Terracciano 1890), two localities nowadays in Lazio, where this species was never later reported (Anzalone et al. 2010; Portal to the Flora of Italy 2023). No specimen has been traced at NAP. The indications of *H. niger* for Basilicata by Terracciano (1890, 1901) should be regarded as erroneous (see also Gavioli 1947).

E. Del Guacchio

***Hieracium bifidum* Kit. ex Hornem. subsp. *psammogenes* (Zahn) Zahn (Asteraceae)**

+ **LOM:** Bossico (Bergamo), margine della strada (WGS84: 45.827049°N, 10.038236°E), 780 m s.l.m., exp. SW, 19 April 2021, leg. S. Orsenigo, B. Cera, rev. G. Gottschlich (PAV); Fonteno (Bergamo), Lago d'Iseo, rupi sul lungolago (WGS84: 45.757146°N, 10.037948°E), 200 m s.l.m., exp. E, 19 April 2021, leg. S. Orsenigo, B. Cera, rev. G. Gottschlich (FI, PAV); tra Riva di Solto e Tavernola (Bergamo), rupi sulla strada (WGS84: 45.743707°N, 10.048593°E), 200 m s.l.m., exp. E, 19 April 2021, leg. S. Orsenigo, B. Cera, rev. G. Gottschlich (PAV); Borgo di Zorzino (Bergamo), margine della strada (WGS84: 45.782832°N, 10.049381°E), 220 m s.l.m., exp. S, 19 April 2021, leg. S. Orsenigo, B. Cera, rev. G. Gottschlich (PAV); da Sonvico verso Fraine (Brescia), sotto i castagni (WGS84: 45.819700°N, 10.131957°E), 600 m s.l.m., exp. W, 19 April 2021, leg. S. Orsenigo, B. Cera, rev. G. Gottschlich (PAV). – Subspecies confirmed for the flora of Lombardia.

This subspecies was historically reported for Valle d'Aosta, Piemonte (Col di Tenda), Veneto, and Lombardia (Bormio, Lecco, Abbadia Lariana and Mandello del Lario) by Zahn (1906) and Zahn (1921), whilst it was recently confirmed only in Trentino-Alto Adige (Gottschlich and Pujatti 2002) and Abruzzo (Gottschlich 2009). According to specimens collected by Pietro Rossi and determined by Zahn stored in PAV (PAV-LOM014724, PAV-LOM014725, PAV-LOM014726, PAV-LOM014727, PAV-LOM014728, PAV-LOM014729), the subspecies was quite widespread in the past in Grigna massif.

S. Orsenigo, G. Gottschlich

***Hieracium caesioides* Arv.-Touv. subsp. *rionii* (Greml) Zahn (Asteraceae)**

+ **MAR:** Montemonaco (Macerata), Monti Sibillini, versante N del M. Torrone lungo l'alto Fosso della Tagliola (WGS84: 42.858350°N, 13.277194°E), luoghi sassosi, suolo calcareo, humus scarso o subnullo, 1550–1600 m, 1 July 1988, leg. A. Brilli-Cattarini, L. Gubellini, det. S. Di Massimo (sub *Hieracium* cf. *incisum* Hoppe), rev. G. Gottschlich (PESA); Bolognola (Macerata), Monti Sibillini, versante NW del M. Rotondo (WGS84: 42.967906°N, 13.197308°E), pascoli sassosi aridi, suolo calcareo, humus scarso o subnullo, 1850–1900 m, 24 July 1989, leg. A. Brilli-Cattarini, L. Gubellini, det. S. Di Massimo (sub *Hieracium* cf. *incisum* aggr.), rev. G. Gottschlich (PESA). – Subspecies new for the flora of Marche.

G. Gottschlich, L. Gubellini

***Hieracium chondrillifolium* Fr. subsp. *boissieri* (A.Huet & É.Huet ex Arv.-Touv.) Zahn (Asteraceae)**

+ **MOL:** Campitello Matese, towards M. Miletto, (WGS84: 41.455833°N, 14.3805564°E), calcereous scree 1670 m, 17 June 2022, leg. C. Zidorn CZ-

20220617H-1, det. G. Gottschlich (KIEL0005014). – Species and subspecies new for the flora of Molise.

C. Zidorn, G. Gottschlich

***Hieracium grovesianum* Arv.-Touv. ex Belli subsp. *luteobarbatum* Gottschl. (Asteraceae)**

+ CAL: Camigliatello Silano (Cosenza), Monte Scuro (WGS84: 39.321806°N, 16.396944°E), rocky stony slopes, 1670 m, 23 July 2022, leg. E. Di Gristina, det. G. Gottschlich (FI). – Subspecies new for the flora of Calabria.

This subspecies is endemic to Italy and recorded so far only for Abruzzo (Gottschlich 2009) and Marche (Bartolucci et al. 2018).

E. Di Gristina, G. Gottschlich

***Hieracium grovesianum* Arv.-Touv. ex Belli subsp. *rigoanum* (Zahn) Zahn (Asteraceae)**

+ BAS: Latronico (Potenza), Monte Alpi (WGS84: 40.127222°N, 15.972222°E), rocky stony slopes, 1480 m, 22 July 2022, leg. E. Di Gristina, E. Bajona, det. E. Di Gristina (FI). – Subspecies new for the flora of Basilicata.

E. Di Gristina, E. Bajona

***Hieracium hypocoeroides* S.Gibson subsp. *bifidopsis* (Zahn) Greuter (Asteraceae)**

+ MAR: Montemonaco (Macerata), Monti Sibillini, versante E del M. Torrone (WGS84: 42.845014°N, 13.288944°E), luoghi sassosi, suolo calcareo, humus subnullo, 1525–1575 m, 6 July 1987, leg. A. Brilli-Cattarini, L. Gubellini, det. S. Di Massimo (sub *Hieracium* cfr. *incisum* Hoppe), rev. G. Gottschlich (PESA). – Subspecies new for the flora of Marche.

G. Gottschlich, L. Gubellini

***Hieracium pallescens* Waldst. & Kit. (Asteraceae)**

+ MAR: Arquata del Tronto (Ascoli Piceno), Monti Sibillini, nel basso versante SE del M. Vettore sopra S. Gemma (WGS84: 42.811531°N, 13.288583°E), radure sassose ombreggiate, suolo calcareo, humus scarso, 1250–1300 m, 29 June 1987, leg. A. Brilli-Cattarini, L. Gubellini, det. S. Di Massimo (sub *Hieracium incisum* Hoppe), rev. G. Gottschlich (PESA); Sarnano (Macerata), Monti Sibillini, nella Valle Tre Santi sotto la Bocchetta dei Tre Santi (WGS84: 42.989367°N, 13.257425°E), luoghi sassosi, suolo calcareo, humus scarso o subnullo, 900–950 m, 27 May 1987, leg. A. Brilli-Cattarini, L. Gubellini, det. S. Di Massimo (sub *Hieracium* cfr. *bifidum* Kit.), rev. G. Gottschlich (PESA). – Species new for the flora of Marche.

G. Gottschlich, L. Gubellini

***Hieracium picenorum* Gottschl. (Asteraceae)**

+ MAR: Cagli (Pesaro e Urbino), gruppo del M. Nerone, nel basso versante S della Montagnola sotto Fondarca (WGS84: 43.538892°N, 12.537881°E), luoghi boschivi (ostrieto sassoso e degradato), suolo calcareo, humus scarso o subnullo, 725–750 m, 3 June 1988, A. Brilli-Cattarini (sub *Hieracium murorum* L. s.l.), rev. G. Gottschlich (PESA); Montemonaco (Macerata), Monti Sibillini, Valle del Canale presso Foce di Montemonaco (WGS84: 42.877000°N, 13.267206°E), luoghi boschivi (bosco misto mesofilo rado), suolo calcareo, humus da subnullo a +/- abbondante, 975–1025 m, 18 July 1990, leg. A. Brilli-Cattarini, L. Gubellini, M. Rocchi, det. S. Di Massimo (sub *Hieracium* cfr. *incisum* Hoppe), rev. G. Gottschlich (PESA). – Species new for the flora of Marche.

G. Gottschlich, L. Gubellini

***Hieracium pseudogrovesianum* Gottschl. subsp. *amictum* Gottschl. (Asteraceae)**

+ MAR: Dintorni di Sarnano (Macerata), nell'alta valle del Torrente Salino tra Borghetti e il Crocifisso (WGS84: 43.054842°N, 13.290556°E), luoghi boschivi (carpineto, castagno, cerreta, querceto misto), suolo arenaceo, humus da subnullo a +/- abbondante, 525–575 m, 25 May 1981, leg. A. Brilli-Cattarini e L. Gubellini, det. A. Brilli-Cattarini (sub *Hieracium murorum* L.), rev. G. Gottschlich (PESA); Carpegna (Pesaro e Urbino), Monti di Carpegna presso il M. Simoncello (WGS84: 43.770278°N, 12.289903°E), boschi, c. 1075 m, 29 May 1961, A. Brilli-Cattarini (sub *Hieracium murorum* L. s.l.), rev. G. Gottschlich (PESA). – Subspecies new for the flora of Marche.

G. Gottschlich, L. Gubellini

***Nasturtium microphyllum* (Boenn.) Rchb. (Brassicaceae)**

+ TOS: Grassina (Bagno a Ripoli, Firenze), pescaia del torrente Ema (WGS84: 43.720375°N, 11.296864°E), ambiente ripariale, 87 m, 6 Jul 2022, L. Pinzani (FI, Herb. Pinzani). – Species new for the flora of Toscana.

L. Pinzani

***Rosa inodora* Fr. (Rosaceae)**

+ MAR: Frontone (Pesaro e Urbino), Gruppo del M. Catria, versante N del M. Schioppettino (WGS84: 43.495859°N, 12.704987°E), boschi mesofili, suolo calcareo, 785 m, 16 September 2022, leg. F. Barbadoro e L. Gubellini, det. L. Gubellini (PESA, FI). – Species new for the flora of Marche.

F. Barbadoro, L. Gubellini

***Squilla numidica* Jord. & Fourr. (Asparagaceae)**

+ CAL: Cirò (Crotone), località Favaro, 500 m a nord-ovest della Centrale elettrica del Parco Eolico (WGS84: 39.382996°N, 17.036654°E), boscaglia mediterranea, argilosso, 225 m s.l.m., 27 June 2022, leg. G. De Fine, det. N.G. Passalacqua (FI); *ibidem*, 20 August 2022 (CLU). – Species new for the flora of Calabria.

The numerous reports for Calabria of *Squilla maritima* (L.) Steinh. (sub *Urginea maritima*) were considered incorrect as they refer to *S. pancratia* Steinh. (Bernardo et al. 2011). However, following Martinez-Azorìn et al. (2022), our samples can be referred to *S. numidica* by the brownish-red bulb tunics and the greenish tepal midrib.

N. G. Passalacqua, G. De Fine

***Trifolium saxatile* All. (Fabaceae)**

+ PIE: Bardonecchia (Torino), tra la Croce Chabrière e la Punta Melmise e su quest'ultima (WGS84: 45.104605°N, 6.717561°E), ghiaioni di calcescisti, 2190–2300 m s.l.m., 26 July 2022, A. Mainetti, M. Lonati (FI). – Species confirmed for the flora of Piemonte

This species is endemic to the Alps and listed in Annex II of the Habitats Directive 92/43/EEC. In Italy, it was so far confirmed for Valle d'Aosta and Trentino-Alto Adige, while it was considered possibly extinct in Piemonte (Bartolucci et al. 2018). In the latter region, it had been collected in Valle Orco (Ceresole Reale, Torino) at least until 1910 (Vaccari 1910), and in Val di Susa (Bardonecchia, Torino), on the slopes of “Croce di Chabrière”, between 1800 and 2200 m a.s.l. (Sappa 1950). At least 100 individuals were sparsely distributed over an area of at least 200 m². Given the abundance of scree of the same bedrock in the area, even at higher elevation, it could be relevant to look for it further.

A. Mainetti, M. Lonati

***Veronica scutellata* L. (Plantaginaceae)**

+ VEN: Gosaldo (Belluno), pianoro torboso a SW di Forcella Aurine (WGS84: 46.231111°N, 11.972083°E), 1380 m, 19 August 2022, M. Da Pozzo, C. Lasen (FI). – Species confirmed for the flora of Veneto.

In the Veneto Red List (Buffa et al. 2016) it was reported as RE (Regionally Extinct).

M. Da Pozzo, C. Lasen

***Vicia melanops* Sm. (Fabaceae)**

- ABR. – Species to be excluded from the flora of Abruzzo.

Vicia melanops was reported near Vigliano (L'Aquila) based on a herbarium specimen (No. 60006) kept in APP (Conti et al. 2017). The recent discovery of *Vicia laeta* Ces. in the National Park of Abruzzo, Lazio and Molise (Conti et al. 2022) allowed us to attribute to this species also the herbarium specimen cited above.

F. Conti, F. Bartolucci

Floristic records of regional alien taxa

Juglans regia L. (Juglandaceae)

+ (NAT) PUG: Vico del Gargano (Foggia), loc. Chianche Lisce (WGS84: 41.904593°N, 15.940482°E), margine stradale, 461 m, 17 August 2020, N. Biscotti, D. Bonsanto (FI); Vico del Gargano (Foggia), loc. Mastrociani (WGS84: 41.885610°N, 15.950786°E), incolto, 114 m, 11 August 2020, N. Biscotti, D. Bonsanto (Herb. Biscotti, Herb. Bonsanto); Vico del Gargano (Foggia), loc. Fucito (WGS84: 41.919412°N, 15.920386°E), margine stradale, 564 m, 2 September 2020, N. Biscotti, D. Bonsanto (Herb. Biscotti, Herb. Bonsanto); Rodi Garganico (Foggia), loc. Canneto (WGS84: 41.919412°N, 15.920386°E), 30 m, 11 August 2020, N. Biscotti, D. Bonsanto (Herb. Biscotti, Herb. Bonsanto); Vico del Gargano (Foggia), loc. Monte Nero (WGS84: 41.919412°N, 15.920386°E), 64 m, 24 May 2021, D. Bonsanto (Herb. Bonsanto); Carpino (Foggia), margine stradale in direzione Bosco Quarto (WGS84: 41.919412°N, 15.920386°E), 148 m, 20 August 2021, D. Bonsanto (Herb. Bonsanto). – Naturalized regional alien species new for the flora of Puglia.

N. Biscotti, D. Bonsanto

Paliurus spina-christi Mill. (Rhamnaceae)

0 VDA. – Regional alien species not confirmed for the flora of Valle d'Aosta.

The presence of *Paliurus spina-christi* in Valle d'Aosta was reported for the first time in *Flora pedemontana* (Allioni 1785 sub *Rhamnus paliurus* L.): “*nascitur circa Augustam Praetoriam*”. A manuscript and an exsiccata in TO by L. Bellardi and a plate of “*Iconographia taurinensis*” painted by F. Peyroleri (Forneris et al. 2011) correspond to this indication. The presence of the species was later recorded as *Paliurus australis* Gaertn. at “îles de la Doire, à Chevrot” by J.-M. Henry (Vaccari 1904–1911). A more recent presence is attested by the sample in CAT No. 01074 (<http://www.hortusbotanicuscatinensis.it/herbarium/foto/07/001074.jpg>), collected by Giuseppe Zodda, who reported on the label “siepi: Aosta, 600 m, agosto 1953”. Therefore, the presence of the species must be considered as established, albeit not confirmed for over 70 years, and non-native, certainly introduced a long time ago, probably already by the Romans.

A. Selvaggi

***Pinus nigra* J.F.Arnold subsp. *nigra* (Pinaceae)**

+ (CAS) **PUG:** Monte Sant'Angelo (Foggia), ingresso del paese (WGS84: 41.919412°N, 15.920386°E), in vicinanza di zone ad imboschimento su rupe, 442 m, 21 September 2021, N. Biscotti, D. Bonsanto (FI). – Casual regional alien species new for the flora of Puglia.

N. Biscotti, D. Bonsanto

Nomenclatural novelties

***Pilosella pseudopilosella* (Ten.) Soják subsp. *nigrocomosa* (Zahn) Gottschl., comb. nov.**
urn:lsid:ipni.org:names:77319916-1

≡ *Hieracium pseudopilosella* Ten. subsp. *nigrocomosum* Zahn, Hierac. Alp. Mar.: 17 (1916).

Pilosella pseudopilosella is a species with very disjunct occurrences (Northern Africa, Iberian Peninsula, Southern Italy, Balkan Peninsula, and Western Turkey). The subspecies *nigrocomosa* was described from the Ligurian Alps and is endemic to this region.

G. Gottschlich

***Roemeria sicula* (Guss.) Galasso, Banfi, L.Sáez & Bartolucci, comb. nov.**
urn:lsid:ipni.org:names:77319917-1

≡ *Papaver siculum* Guss., Fl. Sicul. Syn. 2(1): 6 (1843–1844) ≡ *Papaver hybridum* subsp. *siculum* (Guss.) Arcang., Comp. Fl. Ital. [Arcangeli]: 24 (1882) ≡ *Papaver hybridum* var. *siculum* (Guss.) Raimondo & Spadaro, Bocconeia 20: 12 (2007).

Ind. Loc.: “Inter segetes; nel fiume fra S. Giuseppe e Castellammare (Gasparrini); Palermo”. Type (lectotype, designated here): [Italy, Sicily]. Nel fiume da S. Giuseppe a Castellammare, s.d., *Gasparrini s.n.* (NAP barcode NAP0001798 [digital photo!]).

= *Papaver hybridum* L., Sp. Pl. 1: 506 (1753), non *Roemeria hybrida* (L.) DC., Syst. Nat. 2: 92 (1821)

Type (lectotype designated by Aghababyan and Raimondo 2011: 1475): Herb. Burser IX: 56 (UPS).

= *Papaver hispidum* Lam., Fl. Franç. (Lamarck) 3: 174 (1779), nom. illeg. ≡ *Roemeria hispida* Stace, New J. Bot. 7(1): 9 (2017)

According to recent molecular phylogenetic studies, the species belonging to *Papaver* sect. *Argemonidium* Spach have been transferred to the genus *Roemeria* Medik. (Banfi

et al. 2022). The name *Roemeria hispida* proposed by Stace (2017) should be treated as a replacement name (Art. 58.1 of the *ICN*, Turland et al. 2018) and not as a new combination, because it is based on *P. hispidum* Lam., an illegitimate superfluous name for *P. hybridum* L. (Arts. 52.1 and 52.2 of the *ICN*). The final epithet “*hybrida*” is already taken in *Roemeria*, so the next earliest legitimate name at species rank is *P. siculum* Guss., on which the new combination here proposed is based. The name *P. siculum* is also lectotypified here based on a specimen kept in NAP, where Gussone’s main collection is housed. The lectotype morphologically matches the description by Gussone (1844) and agrees with the current application of the name *P. hybridum*.

F. Bartolucci, G. Galasso, E. Banfi, L. Sáez

Nomenclatural and distribution updates from other literature sources, and corrigenda

Nomenclatural and distribution updates, and corrigenda to Bartolucci et al. (2018) and subsequent updates summarised in the Portal to the Flora of Italy (2023) according to Vaccari (1909), Ehrendorfer (1962), Barbero and Bono (1970), Milia and Mosso (1977), Baldini (1995), Künkele and Lorenz (1995), Vogel et al. (1998), Poldini et al. (2001), Brullo et al. (2001, 2022a, 2022b, 2023), Ballelli et al. (2005), Garbari et al. (2005), Arrigoni et al. (2007), Aedo (2013), Rottensteiner (2014), Tison and de Foucault (2014), Bartolucci et al. (2016), GIROS (2016), Pignatti et al. (2017), Argenti et al. (2019), Peruzzi et al. (2019), Prosser et al. (2019), Scafidi et al. (2019), Geltman (2020), Arrigoni (2021), Griebl and Presser (2021), Reich et al. (2021), Barbadoro and Marchetti (2022), Bernardello et al. (2022), Boltenkov and Del Guacchio (2022), Cambria et al. (2022, 2023), Di Pietro et al. (2022), Domina et al. (2022), Gallo (2022), Gariboldi (2022), Jiménez-López et al. (2022), Leoni (2022), Španiel et al. (2022), Sutorý (2022), Tomasi et al. (2022), Villa et al. (2022), Calevo et al. (2023), Cambria (2023), Conti and Bartolucci (2023), Conti et al. (2023a, 2023b), Conti and Giacanelli (2023); Dakskobler (2023), Ferrer-Gallego and Talavera (2023), Hassler (2023), Heimer and Frajman (2023), Pennesi et al. (2023), POWO (2023), Štěpánek and Kirschner J (2023), Verlaque et al. (2023), are provided in Suppl. material 1.

F. Bartolucci, G. Galasso

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Supplementary material I

Supplementary data

Authors: Fabrizio Bartolucci, Gabriele Galasso

Data type: species data

Explanation note: 1. Nomenclatural updates; 2. Note updates; 3. Distribution updates;
4. Synonyms, misapplied or included names.

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